

LOCAL CLIMATOLOGICAL DATA

Monthly Summary September 2021

Station: Westford

Latitude: 44° 37' 38" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

Date	Temperature					Humidity Mean	Deg. Days		Precip Ty 1 fog 2 hvy fog 3 thunder 4 ice plt 5 hail 6 glaze 7 duststm 8 smk, hz 9 blw snw	Snow Cvr	Precip		Pressure Adj. to Sea Level			Wind						Solar Radiation	
	Maximum	Minimum	Average	Mean	Dew Point		Heating Base 65°F	Cooling Base 65°F			Water Equivalent	Ice Pellets Snow	Maximum	Minimum	Mean	Avg Speed	Res Speed	Res Dir	Peak		2 Minute		
																			Speed	Dir	Speed		Dir
1	2	3	4A	4B	5	6	7	8		11	12	13	14	15	16	17	18	19	20	21	22	23	
1	69.5	50.6	60.0	59.7	55	86	4	0	.....	0	0.00	0.0	29.85	29.73	29.815	0.2	0.2	227	9	NW	4	233	140
2	67.4	48.7	58.1	56.9	52	86	7	0	.....	0	0.00	0.0	29.95	29.75	29.840	1.4	1.3	272	17	WNW	8	273	148
3	71.0	54.9	63.0	60.1	56	87	2	0	.....	0	0.01	0.0	30.01	29.93	29.964	1.2	1.2	258	14	W	7	278	118
4	74.4	50.6	62.5	61.5	56	83	2	0	.....	0	0.00	0.0	29.98	29.85	29.924	0.6	0.6	257	12	W	7	274	199
5	72.6	50.5	61.5	62.2	59	89	3	0	.....	0	0.00	0.0	29.86	29.64	29.726	1.9	1.9	178	23	S	10	177	92
6	71.3	55.0	63.2	60.7	59	93	2	0	..3.....	0	0.27	0.0	29.76	29.63	29.687	1.4	1.3	196	21	SW	11	254	99
7	74.4	54.3	64.4	62.1	57	84	1	0	.....	0	0.01	0.0	29.90	29.76	29.835	1.3	1.3	219	13	SSE	7	272	221
8	78.4	56.0	67.2	65.2	61	86	0	2	..3.....	0	1.31	0.0	29.81	29.64	29.707	2.2	1.9	186	28	SSE	11	177	142
9	70.4	58.3	64.4	63.8	62	93	1	0	.....	0	0.00	0.0	29.75	29.69	29.721	0.7	0.7	180	11	S	6	257	88
10	64.0	48.5	56.3	57.0	55	92	8	0	.....	0	0.11	0.0	29.96	29.70	29.819	1.8	1.8	267	16	WSW	8	271	110
11	73.0	48.1	60.5	60.7	54	81	4	0	.....	0	0.00	0.0	30.06	29.92	29.999	1.7	1.6	191	15	SSE	8	250	208
12	75.8	54.3	65.1	63.9	58	80	0	0	.....	0	T	0.0	29.93	29.82	29.866	2.5	2.4	188	22	SSE	9	178	96
13	72.1	50.2	61.1	60.2	55	83	4	0	.....	0	0.00	0.0	30.03	29.89	29.966	0.6	0.6	268	16	W	7	271	193
14	72.8	45.0	58.9	60.4	55	83	6	0	.....	0	0.00	0.0	30.08	29.83	29.980	0.8	0.8	177	24	SSE	8	171	175
15	75.0	54.2	64.6	65.8	64	93	0	0	..3.....	0	0.44	0.0	30.06	29.75	29.840	2.5	2.2	192	30	S	11	179	54
16	74.5	46.9	60.7	59.1	54	85	4	0	.....	0	0.00	0.0	30.26	30.06	30.202	0.2	0.1	1	9	NNW	6	342	212
17	74.6	52.2	63.4	63.7	61	91	1	0	.....	0	0.00	0.0	30.28	30.05	30.193	0.8	0.8	175	13	SE	6	177	116
18	75.7	47.9	61.8	63.2	60	89	3	0	.....	0	0.01	0.0	30.09	30.00	30.031	0.7	0.4	195	16	NNW	6	178	111
19	67.9	44.1	56.0	53.6	49	86	9	0	.....	0	0.01	0.0	30.25	30.08	30.176	0.3	0.3	297	12	W	7	271	205
20	75.2	40.7	57.9	57.1	51	83	7	0	.....	0	0.00	0.0	30.32	30.24	30.274	0.6	0.6	184	12	SSE	6	182	202
21	74.8	56.3	65.6	63.2	56	79	0	1	.....	0	0.00	0.0	30.29	30.17	30.230	2.4	2.4	181	23	SSE	9	184	178
22	79.5	56.0	67.8	67.3	63	86	0	3	.....	0	0.00	0.0	30.18	29.92	30.024	0.9	0.9	178	16	SSE	7	184	103
23	80.8	65.4	73.1*	72.4	65	78	0	8	.....	0	0.00	0.0	29.93	29.83	29.898	1.7	1.7	141	22	SSE	9	143	136
24	71.5	50.9	61.2	62.5	58	86	3	0	.....	0	1.07	0.0	30.00	29.82	29.904	2.2	2.1	184	20	S	9	181	116
25	71.2	47.4	59.3	58.0	53	85	6	0	.....	0	0.00	0.0	30.03	29.83	29.950	0.5	0.5	185	11	SE	6	173	155
26	66.2	50.0	58.1	56.4	51	84	7	0	.....	0	T	0.0	29.83	29.73	29.788	1.0	0.9	243	14	W	8	281	133
27	58.1	45.6	51.8	53.5	52	95	13	0	.....	0	0.43	0.0	29.82	29.71	29.763	1.5	1.5	179	16	SSE	7	173	18
28	60.2	41.7	51.0	52.1	48	88	14	0	.....	0	0.00	0.0	29.90	29.75	29.830	0.4	0.4	309	11	WNW	6	272	148
29	53.5	39.1*	46.3*	46.5	45	93	18	0	.....	0	0.03	0.0	30.02	29.89	29.958	0.1	0.1	269	7	W	3	289	45
30	59.6	42.9	51.3	48.3	46	92	13	0	.....	0	0.02	0.0	30.13	30.01	30.067	0.4	0.3	284	14	W	7	288	84
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		Total	Total	For the month:										---	
2125	1506					142	14			3.72	0.0	30.32	29.63	29.933	1.2	0.9	200	30	S	11	179		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
70.8	50.2	60.5	59.9	56	86.6	----	----	≥.01 inch	12	28.22	0.0	20	6	-----	----	----	---	15	15	135			
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	0	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			203	462	Thunder	3	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	1.31	8	0.0	-	0			-								
0	0	0	0	----	----	Clear	6	Partly Cloudy		13	Cloudy		11										

NOTES:

- Units: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
- Column 4A: value is (MAX+MIN) ÷ 2.
- Data in columns 4B, 5, 6, 15, 16, 23 are updated continuously, there by achieving a "true" mean.
- Column 5: Dew point is calculated from temperature and humidity and is continuously averaged for 24 hours.
- Data in columns 9, 10, 12 are entered manually by the station observer.
- Columns 17-18: Resultant wind is calculated by the vector sum of continuous wind observations.
- Column 23: Solar Radiation is measured in W/m² and is continuously averaged for 24 hours.

OBSERVATIONS AT 3-HOUR INTERVALS

September 2021: Westford

Hour	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind		
							Direction	Speed	Gust							Direction	Speed	Gust							Direction	Speed	Gust	Direction	Speed	Gust
SEP 01									SEP 02									SEP 03									
00	0	29.74	0.00	57	55	93	27	0	0	0	29.81	0.00	53	52	95	22	0	0	0	29.94	0.00	56	53	90	28	1	8
03	0	29.76	0.00	56	53	92	28	0	0	0	29.76	0.00	53	51	96	22	0	0	0	29.94	0.00	55	53	93	24	0	5
06	0	29.80	0.00	51	50	96	28	0	0	0	29.77	0.00	50	49	94	00	1	5	0	29.96	0.00	55	54	96	25	1	8
09	265	29.84	0.00	60	56	85	28	0	4	197	29.82	0.00	55	53	91	07	1	4	97	30.00	0.00	56	55	95	34	0	1
12	404	29.84	0.00	67	57	70	27	0	9	230	29.84	0.00	63	55	74	28	4	11	183	30.01	0.00	62	57	85	27	1	9
15	274	29.82	0.00	69	59	71	17	1	3	146	29.84	0.00	65	54	68	30	2	13	200	29.96	0.00	70	60	71	25	2	7
18	81	29.81	0.00	66	61	82	22	0	0	70	29.89	0.00	60	52	77	26	6	13	88	29.94	0.00	65	57	76	24	2	11
21	0	29.85	0.00	56	54	94	22	0	0	0	29.93	0.00	57	53	87	26	1	10	0	29.96	0.00	60	56	87	25	3	10
SEP 04									SEP 05									SEP 06									
00	0	29.95	0.00	60	56	88	25	1	5	0	29.86	0.00	51	50	96	34	0	0	0	29.69	0.00	62	62	97	18	2	7
03	0	29.94	0.00	55	53	93	26	0	4	0	29.80	0.00	53	52	97	34	0	0	0	29.68	0.00	61	60	97	17	1	4
06	0	29.96	0.00	55	54	96	24	0	3	0	29.78	0.00	57	55	94	18	0	5	0	29.68	0.00	59	58	97	18	0	0
09	163	29.98	0.00	59	57	93	26	1	7	72	29.75	0.00	61	58	89	18	0	5	132	29.68	0.00	64	62	94	23	1	12
12	756	29.95	0.00	71	60	70	01	1	7	213	29.72	0.00	67	61	81	16	3	11	816	29.63	0.00	71	64	81	17	3	13
15	729	29.90	0.00	72	60	66	27	0	3	181	29.66	0.00	69	63	80	17	4	12	401	29.66	0.00	65	58	80	24	2	8
18	234	29.86	0.00	72	57	58	34	0	2	28	29.65	0.00	67	62	85	17	3	23	86	29.68	0.00	60	57	91	16	3	7
21	0	29.89	0.00	54	52	93	34	0	0	0	29.67	0.00	64	62	94	16	4	9	0	29.73	0.00	56	55	95	21	2	7
SEP 07									SEP 08									SEP 09									
00	0	29.76	0.00	55	54	96	18	2	5	0	29.81	0.00	56	54	93	17	0	1	0	29.72	0.00	61	61	97	18	0	6
03	0	29.78	0.00	56	54	95	18	2	7	0	29.77	0.00	60	56	88	17	1	12	0	29.71	0.00	62	61	98	17	0	6
06	0	29.83	0.00	54	53	96	17	1	3	0	29.72	0.00	60	58	92	16	0	9	0	29.72	0.00	62	61	98	17	0	5
09	364	29.87	0.00	61	57	87	22	3	11	329	29.70	0.00	69	63	81	16	4	20	190	29.73	0.00	65	64	98	18	4	7
12	754	29.88	0.00	69	60	73	25	4	12	352	29.68	0.00	74	65	73	17	3	12	155	29.74	0.00	69	65	87	17	1	7
15	770	29.86	0.00	73	60	63	16	6	10	79	29.65	0.00	75	65	71	18	3	16	178	29.72	0.00	69	65	86	18	0	7
18	72	29.83	0.00	74	61	63	23	1	3	0	29.68	2.98	63	61	93	24	1	11	39	29.72	0.00	67	64	92	17	0	0
21	0	29.85	0.00	57	56	95	23	0	0	0	29.70	0.00	62	61	97	17	0	6	0	29.72	0.00	59	58	95	26	0	0
SEP 10									SEP 11									SEP 12									
00	0	29.71	0.00	59	58	97	26	0	0	0	29.96	0.00	49	47	96	25	0	0	0	29.92	0.00	62	55	77	17	4	15
03	0	29.72	0.00	59	58	97	27	4	12	0	30.00	0.00	52	51	97	23	0	3	0	29.88	0.00	63	56	77	16	5	17
06	0	29.73	0.00	57	56	96	23	0	11	0	30.02	0.00	51	49	93	18	1	6	0	29.84	0.00	61	55	82	17	5	16
09	88	29.80	0.00	56	55	96	25	4	11	353	30.06	0.00	59	54	84	16	1	8	132	29.84	0.00	63	58	85	17	4	10
12	81	29.83	0.00	58	57	96	25	0	8	490	30.05	0.00	69	59	69	18	3	9	246	29.84	0.00	66	62	88	18	2	8
15	872	29.84	0.00	63	57	82	26	2	11	301	30.01	0.00	72	60	67	23	0	3	230	29.84	0.00	71	65	83	18	3	11
18	58	29.87	0.00	61	53	75	27	3	10	134	29.96	0.00	71	60	69	18	1	9	49	29.86	0.00	68	57	70	22	0	4
21	0	29.92	0.00	51	49	93	25	0	0	0	29.95	0.00	61	56	83	18	1	14	0	29.92	0.00	56	53	88	24	0	0
SEP 13									SEP 14									SEP 15									
00	0	29.93	0.00	56	54	95	25	0	0	0	30.02	0.00	50	48	93	02	0	0	0	29.84	0.00	68	64	86	17	4	18
03	0	29.90	0.00	56	55	94	25	0	0	0	30.04	0.00	51	50	95	02	0	0	0	29.77	0.00	68	64	88	16	6	18
06	0	29.93	0.00	54	53	95	25	0	0	0	30.05	0.00	46	44	95	02	0	0	0	29.80	0.00	68	65	90	26	6	14
10	160	29.97	0.00	62	59	89	26	0	3	332	30.08	0.00	56	55	98	02	0	0	91	29.78	0.00	68	67	97	18	4	11
12	294	29.98	0.00	68	58	71	26	4	11	640	30.02	0.00	70	58	65	19	1	5	153	29.79	0.00	72	70	95	17	2	7
15	814	29.97	0.00	70	57	63	26	5	12	533	29.95	0.00	72	59	65	17	1	9	105	29.81	0.00	68	67	96	25	0	2
18	30	29.99	0.00	66	56	71	02	0	10	86	29.91	0.00	68	60	76	15	1	10	11	29.89	0.00	63	61	95	31	0	3
21	0	30.02	0.00	53	51	91	02	0	0	0	29.88	0.00	63	59	87	19	0	10	0	29.99	0.00	59	57	96	27	0	7
SEP 16									SEP 17									SEP 18									
00	0	30.06	0.00	54	53	97	27	0	0	0	30.25	0.00	53	52	96	27	0	0	0	30.06	0.00	63	61	96	16	0	6
03	0	30.08	0.00	52	51	97	00	0	0	0	30.23	0.00	54	53	97	27	0	0	0	30.03	0.00	63	62	97	16	1	5
06	0	30.14	0.00	50	49	97	00	0	0	0	30.26	0.00	57	57	99	27	0	0	0	30.00	0.00	63	62	96	17	1	3
09	332	30.25	0.00	57	57	99	27	0	0	160	30.25	0.00	64	63	99	18	0	0	230	30.02	0.00	67	66	95	17	2	12
12	779	30.25	0.00	69	56	65	08	2	9	295	30.23	0.00	72	65	80	15	1	7	125	30.02	0.00	72	67	85	22	3	5
15	636	30.23	0.00	73	58	59	14	0	5	185	30.19	0.00	72	65	80	16	3	9	299	30.01	0.00	71	61	71	32	3	8
18	113	30.22	0.00	70	60	70	27	0	0	37	30.14	0.00	70	65	85	18	2	9	46	30.02	0.00	64	57	78	34	0	0
21	0	30.25	0.00	54	52	94	27	0	0	0	30.11	0.00	64	63	95	18	1	4	0	30.06	0.00	51	49	93	34	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.63	0.72
Ended: Date	15	15	15	15	15	15	15	15	15	15	24	24
Ended: Time	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	0726	0751

The precipitation amounts may occur at any time during the month. The time indicated is the ending time of the interval. Date and time are not entered for trace amounts.

OBSERVATIONS AT 3-HOUR INTERVALS

September 2021: Westford

Hour	SEP 19									SEP 20									SEP 21								
	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust
00	0	30.08	0.00	48	47	96	34	0	0	0	30.25	0.00	44	43	96	28	0	0	0	30.26	0.00	57	54	89	16	2	7
03	0	30.09	0.00	46	45	97	34	0	0	0	30.25	0.00	43	42	97	28	0	0	0	30.26	0.00	59	55	88	19	4	11
06	0	30.15	0.00	45	45	97	34	0	0	0	30.27	0.00	41	40	97	27	0	0	0	30.27	0.00	58	55	89	19	3	10
09	311	30.21	0.00	53	52	98	34	1	3	322	30.31	0.00	53	52	98	27	0	0	357	30.28	0.00	63	57	81	18	4	11
12	708	30.22	0.00	64	53	68	03	2	6	693	30.29	0.00	71	57	63	15	1	10	721	30.24	0.00	69	58	70	21	5	14
15	608	30.18	0.00	67	55	65	02	1	8	603	30.27	0.00	75	60	60	19	1	10	640	30.19	0.00	73	58	60	18	6	13
18	35	30.19	0.00	65	54	68	28	0	0	25	30.26	0.00	71	57	61	16	0	6	40	30.18	0.00	69	58	68	17	2	7
21	0	30.22	0.00	47	46	94	28	0	0	0	30.26	0.00	58	55	90	14	0	1	0	30.20	0.00	60	53	79	17	0	8
SEP 22									SEP 23									SEP 24									
00	0	30.17	0.00	57	53	87	16	0	4	0	29.93	0.00	68	63	84	12	1	8	0	29.83	0.00	71	64	80	12	4	16
03	0	30.13	0.00	59	56	90	18	0	6	0	29.91	0.00	69	64	87	15	1	3	0	29.82	0.00	70	65	85	14	4	17
06	0	30.10	0.00	60	58	92	17	0	3	0	29.92	0.00	69	66	90	19	1	7	0	29.89	0.08	62	61	96	18	0	6
09	320	30.07	0.00	68	64	86	18	0	3	318	29.90	0.00	72	66	81	05	1	16	26	29.89	0.04	59	58	96	20	3	17
12	109	30.03	0.00	71	65	83	18	4	13	506	29.91	0.00	79	66	65	14	5	18	330	29.89	0.00	61	57	88	19	4	12
15	374	29.96	0.00	77	69	75	18	3	12	158	29.88	0.00	78	65	66	15	2	12	580	29.89	0.00	69	58	67	19	5	12
18	33	29.93	0.00	72	67	86	14	0	1	40	29.88	0.00	75	65	72	20	0	8	14	29.92	0.00	62	55	77	22	0	4
21	0	29.93	0.00	70	66	86	19	0	4	0	29.89	0.00	71	65	79	18	3	9	0	29.99	0.00	56	52	86	23	0	1
SEP 25									SEP 26									SEP 27									
00	0	30.00	0.00	52	51	96	22	0	2	0	29.83	0.00	52	51	96	18	0	0	0	29.82	0.00	51	48	92	19	0	4
03	0	30.01	0.00	49	48	95	19	1	4	0	29.79	0.00	52	51	97	18	0	0	0	29.81	0.00	47	45	93	16	0	4
06	0	30.01	0.00	52	50	91	18	2	4	0	29.80	0.00	55	52	91	23	0	6	0	29.80	0.00	49	47	93	17	1	6
09	288	30.02	0.00	56	54	93	17	0	3	125	29.81	0.00	55	53	91	27	0	7	33	29.79	0.00	54	51	90	19	1	10
12	719	29.99	0.00	67	56	69	19	0	4	596	29.79	0.00	63	53	68	27	6	11	74	29.75	0.00	55	53	94	17	2	12
15	454	29.92	0.00	70	56	60	23	0	9	93	29.74	0.00	66	50	56	25	3	7	21	29.72	0.00	56	55	96	18	1	10
18	28	29.88	0.00	63	57	83	18	0	0	46	29.75	0.00	58	52	81	26	0	1	0	29.72	0.00	57	56	97	17	2	7
21	0	29.85	0.00	55	54	96	18	0	3	0	29.80	0.00	54	49	84	20	1	4	0	29.74	0.00	58	57	98	19	1	8
SEP 28									SEP 29									SEP 30									
00	0	29.76	0.00	55	54	97	21	0	0	0	29.90	0.00	42	41	96	27	0	0	0	30.01	0.00	43	42	95	09	0	0
03	0	29.76	0.00	55	54	98	21	0	0	0	29.89	0.00	41	40	97	27	0	0	0	30.01	0.00	46	46	98	08	0	2
06	0	29.79	0.00	52	51	97	35	0	1	0	29.91	0.00	42	41	97	27	0	0	0	30.04	0.00	46	45	97	34	0	4
09	109	29.83	0.00	49	47	94	33	0	5	28	29.97	0.00	46	46	98	27	0	0	76	30.07	0.00	47	46	97	31	0	2
12	151	29.85	0.00	57	49	76	24	0	8	237	29.98	0.00	52	49	90	27	1	7	165	30.09	0.00	50	48	94	32	0	7
15	114	29.84	0.00	59	48	66	35	2	10	97	29.96	0.00	51	46	82	09	0	0	399	30.06	0.00	56	49	79	25	2	8
18	25	29.85	0.00	52	47	83	27	0	0	7	29.99	0.00	49	47	92	09	0	1	12	30.08	0.00	51	47	87	31	0	0
21	0	29.89	0.00	43	42	94	27	0	0	0	30.01	0.00	46	45	95	09	0	0	0	30.12	0.00	44	43	96	31	0	0

WEATHER NOTES

NOTES:
 Units: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
 Wind Direction: Directions are those from which the wind is blowing, indicated in tens of degrees from true north: i.e., 09 for East, 18 for South, 27 for West, and 00 or 36 for North.
 Wind Speed: The observed one-minute average speed in miles-per-hour.
 Wind Gust: The maximum instantaneous wind speed for the 10-minute period preceding the observation.
 Rainfall Rate: The instantaneous rainfall rate at the time of observation, calculated by timing consecutive pulses from the electronic rain gauge and interpolating this rate for one hour.

SUMMARY BY HOUR

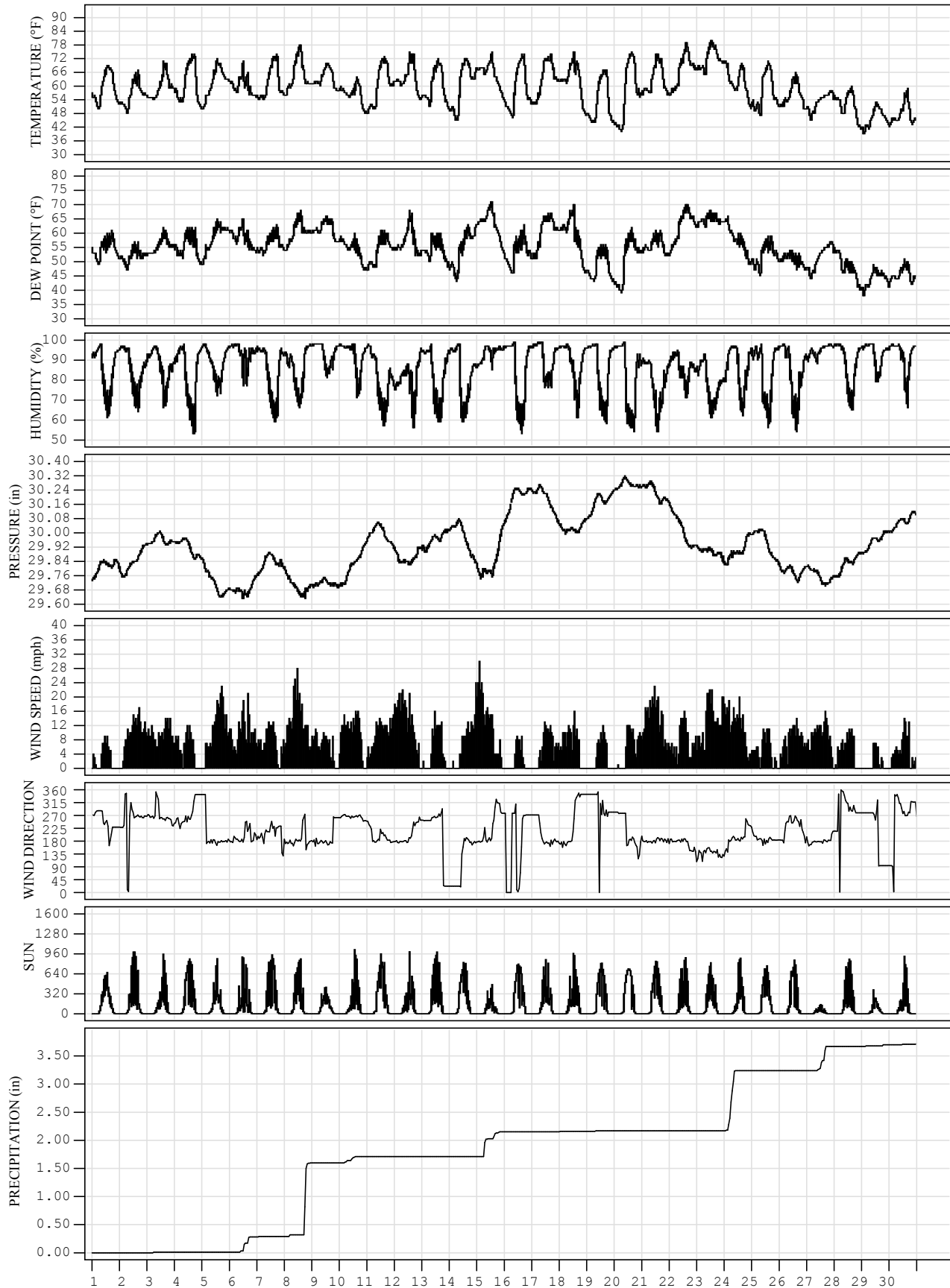
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
00	0	29.928	55	53	93	0.7	17	0.6
03	0	29.919	55	54	94	1.0	18	0.8
06	0	29.931	55	53	94	0.8	21	0.5
09	200	29.952	59	57	92	1.3	20	1.0
12	399	29.944	66	59	78	2.2	21	1.3
15	369	29.917	68	59	72	2.1	21	1.3
18	52	29.918	64	57	79	0.9	22	0.6
21	0	29.944	57	54	91	0.6	20	0.5

HOURLY PRECIPITATION (Water Equivalent) September 2021: Westford

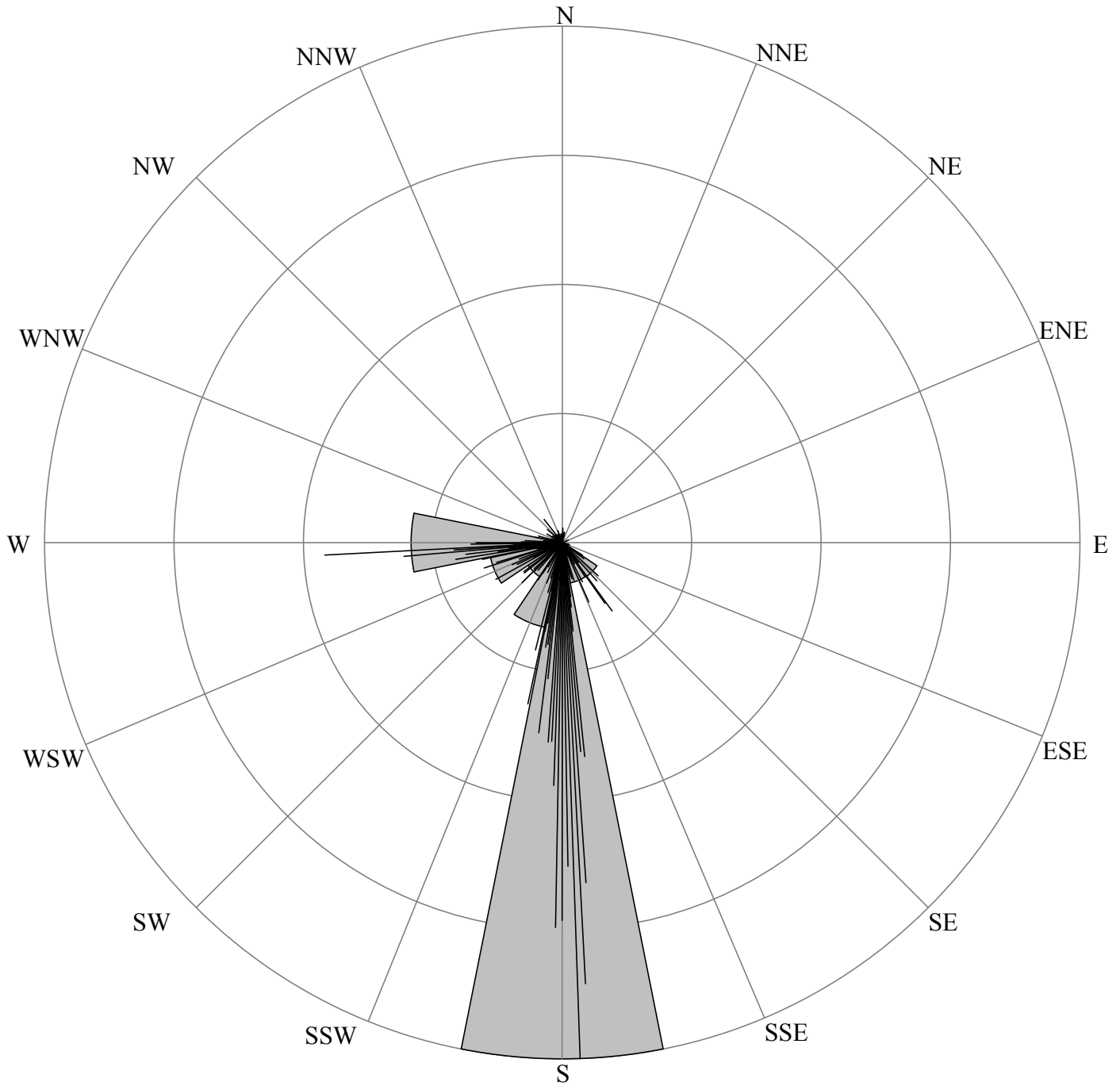
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03						0.01																			03
04																									04
05																									05
06									0.02			0.12	0.02			0.10	0.01								06
07		0.01																							07
08					0.03												0.50	0.68	0.08	0.01					08
09																							0.01		09
10					0.01	0.01	0.02					0.03	0.02	0.01	0.01										10
11																									11
12																									12
13																									13
14																									14
15							0.25	0.06		0.01						0.03	0.06	0.01		0.01	0.01				15
16																									16
17																									17
18	0.01																								18
19								0.01																	19
20																									20
21																									21
22																									22
23																									23
24		0.01		0.10	0.11	0.29	0.20	0.17	0.18	0.01															24
25																									25
26																									26
27									0.02	0.01	0.01	0.11	0.03		0.18	0.07								27	
28																									28
29				0.01															0.02						29
30											0.01												0.01		30
Sum	0.01	0.02	0.00	0.11	0.15	0.31	0.47	0.24	0.18	0.06	0.04	0.04	0.24	0.06	0.03	0.24	0.18	0.51	0.71	0.09	0.01	0.00	0.01	0.01	Sum

During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA
September 2021: Westford



Wind Rose: September 2021
Westford



Maximum direction of wind: 50.0 miles from 178°
Maximum sector of wind: 431.3 miles from S
829.6 total miles of wind